



Stephenson received NASA's Exceptional Service Medal at a ceremony June 21 at NASA Headquarters.



Price received the Distinguished Public Service Medal.

NASA, Marshall Center recognize employee achievements at annual honor ceremonies

by Lynnette Madison

Civil servants and contractors at the Marshall Center were recognized Tuesday in two separate honor ceremonies for their achievements and contributions to America's space program.

Joseph H. Rothenberg, associate administrator for space flight at NASA Headquarters in Washington, D.C., joined Marshall Center Director Art Stephenson at Marshall's annual NASA Honor Awards ceremony to honor 247 employees for special accomplishments during 2000.

Two of the space agency's highest honors were presented separately in a ceremony last week at NASA Headquarters. Marshall Director Stephenson received NASA's Exceptional Service Medal for his leadership in the formulation and development of the Space Launch Initiative and commitment to improve the

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safety, cost and reliability of future space transportation systems.

Also at the Headquarters ceremony, John L. Price of Pratt and Whitney in West Palm Beach, Fla., a Marshall Center contractor, was awarded the Distinguished Public Service Medal, NASA's highest honor for a non-civil servant. Price received the award for his contributions in the design, development and production of the alternate high-pressure turbopumps for the Space Shuttle main engine. He was cited for exceptional program and technical management performance.

Among the awards presented were five Outstanding Leadership Medals, two

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High-tech science center new annex to feature shock-absorbing base, storm-watchers' roof

by Sherrie Super

From its shock-absorbing foundation to its rooftop lightning observatory, the new laboratory annex at the National Space Science and Technology Center (NSSTC) will offer a state-of-the-art facility for cutting-edge research in multiple science and engineering disciplines.

The 80,000 square-foot (7,432 square-meter) addition, now under construction, will nearly double the size of the NSSTC core facility on Sparkman Drive in Cummings Research Park. Scheduled for completion by summer 2002, it will include custom features to support

research activities in space science, Earth sciences, materials science, biotechnology, propulsion, information technology and optics.

Completion of the annex will reunite all the members of the Space Science Research Center with the accommodation of the X-ray Astronomy group headed by Dr. Martin Weisskopf and the Cosmic Ray group headed by Dr. Jim Adams.

The first floor will be constructed with a special "shock-absorbing" foundation to protect sensitive research experiments from disturbances present in virtually every city — such as traffic and wind vibrations.

A high-bay area extending into the second-floor level will give scientists adequate space to develop and assemble the large, balloon-borne instruments that will be the prototypes for the next generation of high energy astrophysics space telescopes. These disciplines use X-rays, gamma rays and high-energy particles rather than visible light to study cosmic objects including distant galaxies, quasars and supermassive black holes.

Crowning the new annex will be a glass-encased, observation facility on the center's roof. Built to withstand the strain of severe weather, it will offer an ideal

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Artist's concept of the National Space Science and Technology Center under construction.

Annex

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vantage point for observing lightning during thunderstorms. This will help atmospheric scientists in the NSSTC's Global Hydrology and Climate Center build on their existing research of topics including Earth's global water cycle, severe storms and the relationship between lightning and tornadoes.

The new addition also will boast a tropospheric profiling facility — a laboratory with equipment to collect data on virtually all elements in the atmosphere, ranging from cloud particles to aerosol. Scientists will use this information to study severe weather, ozone formation, the greenhouse effect and other topics.

"Research at the NSSTC ranges from pure science to technology development," said Sandy Coleman, operations manager of the NSSTC. "Although our researchers rely heavily on flight experiments to substantiate their research efforts, their in-house activities are integral to shaping concepts and ideas into physical research. Expanding our laboratory resources is a critical step in supporting their efforts."

The NSSTC was formed in 1995, when NASA Administrator Daniel Goldin advocated establishing a new science institute in Huntsville. In August 2000, the partnership to operate the NSSTC was formally endorsed and an agreement signed by Art Stephenson, director of NASA's Marshall Space Flight Center in Huntsville and Alabama Gov. Don Siegelman. U.S. Sen. Richard Shelby of Alabama and U.S. Rep. Bud Cramer of

Alabama's 5th Congressional District also were instrumental in the NSSTC's formation.

Today, with its expansion under way, "the annex to the NSSTC will allow NASA and the research universities to include materials and biotechnology-related research at the NSSTC," said Ron Greenwood, director of the Space Science and Technology Alliance — a group of six research universities including the University of Alabama in Huntsville; Alabama A&M University in Huntsville; Auburn University in Auburn; the University of Alabama at Tuscaloosa; the University of Alabama at Birmingham; and the University of South Alabama in Mobile.

"The laboratories and offices will allow additional researchers, faculty and students to be moved into the facility," said Greenwood, who is also vice president of research at the University of Alabama in Huntsville.

The new annex will add approximately 150 offices and more than 25 laboratories to the NSSTC complex. At full capacity, the completed NSSTC will top 200,000 square-feet (18,580 square-meters) and house approximately 550 people.

The NSSTC is a partnership between NASA's Marshall Space Flight Center and the State of Alabama. The State of Alabama is represented by the Space Science and Technology Alliance. The NSSTC is currently developing nationwide interest from universities, industry and other federal agencies to join the NSSTC in future research endeavors.

The writer, employed by ASRI, supports the Media Relations Department.

Kross, Singer to lead Space Transportation Directorate

by Rick Smith

Denny Kross has been named director of Marshall's Space Transportation Directorate. Christopher Singer has been appointed deputy director for the directorate.

Kross

Kross succeeds Dr. John R. "Row" Rogacki, who is going to NASA Headquarters in Washington, D.C., to serve as deputy associate administrator of NASA's Office of Aerospace Technology. Singer replaces Dennis E. Smith, who was appointed in May to manage the new Second Generation Reusable Launch Vehicle Project Office at the Marshall Center.

Under Kross's leadership, the Space Transportation Directorate at Marshall will continue to provide world-class propulsion and engineering expertise to NASA's Space Launch Initiative — the technology initiative intended to lead to the creation of a second generation reusable launch vehicle — as well as the Space Shuttle program. The Space Transportation Directorate also leads NASA's development of advanced space transportation systems, in-space propulsion, a Mars ascent vehicle and advanced propulsion research.

"In alliance with our partners and our customers, we will continue to provide technical, engineering and scientific support in the areas of research and technology development that are essential to revolutionizing space transportation," Kross said.

Prior to his appointment to the Space Transportation Directorate, Kross served in Marshall's Engineering Directorate as manager of the Engineering Systems Department. During his tenure there, he was responsible for leading systems-related engineering services and support functions for a variety of NASA programs and projects.

A native of Detroit, Mich., Kross is a 1963 graduate of the University of Michigan in Ann Arbor, where he earned an undergraduate degree in aerospace engineering. In 1968, he received a master's degree in engineering mechanics from the University of Alabama in Huntsville.

Kross came to NASA in 1967 from the Lockheed Missile and Space Co. in Palo Alto, Calif. His first position at NASA was as a structural dynamics researcher in the structures division of the former Propulsion and Vehicle Engineering Laboratory. He subsequently held managerial positions in the former Astronautics Laboratory and the Systems Dynamics Laboratory.

During his NASA tenure, Kross also has served in a number of senior technical and managerial positions at NASA Headquarters and at Johnson Space Center in Houston. From 1987-1988, he led the Space Station Performance Evaluation division at NASA Headquarters.

He managed the International Space Station Vehicle Office at the Johnson Center from 1995-1999 before returning to Huntsville to resume leadership duties within the Engineering Directorate at Marshall.

Kross and his wife Linda reside in Huntsville.

Singer

Singer, a native of Nashville, Tenn., previously chief engineer for the Space Transportation Directorate. A 1983 graduate of Christian Brothers University in Memphis, Tenn., Singer earned an undergraduate degree in mechanical engineering.

He joined Marshall in 1983 as a rocket engine specialist in the Structures and Propulsion Laboratory, and eight years later led the Liquid Propulsion team responsible for designing, testing and



Kross



Singer

flight of large, liquid-propelled rocket engines such as the Space Shuttle Main Engine.

In 1992, Singer began a yearlong term at NASA Headquarters in Washington, D.C., where he was detailed to the Space Shuttle Support Office as senior manager for the Space Shuttle Main Engine and External Tank.

In 1994, Singer returned to the Marshall Center as technical assistant to the Space Shuttle Main Engine Project Manager. In that capacity, he supervised development and implementation of safety improvements and upgrades to the Shuttle propulsion components. Four years later, he was appointed Space Shuttle Main Engine Chief for Requirements and Integration, before taking the chief engineer position within the Space Transportation Directorate in early 2000.

Singer, his wife Jody and their three children live in Decatur.

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Gerald J. Fishman



Rex D. Geveden



Edwin R. Jones

Outstanding Leadership Medal

Honor Awards

Continued from page 1

Exceptional Scientific Achievement Medals, six Technology Transfer Awards, and 14 Research and Technology Awards.

Also presented were 19 Exceptional Service Medals recognizing significant, sustained performance characterized by unusual initiative or creativity; 13 Exceptional Achievement Medals recognizing significant, specific contributions to NASA's mission; five Public Service Medals awarded to contractors for exceptional contributions to NASA's mission; 10 NASA Group Achievement Awards; four NASA Public Service Group Achievement Awards; 41 Certificates of Appreciation; 45 Director's Commendation Certificates; 45 Marshall Certificates of Appreciation; and 26 Marshall Group Achievement Awards.

The Outstanding Leadership Medal is awarded to individuals for notably outstanding leadership that has a pronounced effect on NASA's technical or administrative programs. Recipients are Gerald J. Fishman and Rex D. Geveden of the Science Directorate, Edwin R. Jones of the Center Operations Directorate, Robert L. Sackheim of the Office of the Director, and Dennis E. Smith of the Space Transportation Directorate.

The Exceptional Scientific Achievement Medal was awarded to Steven J. Goodman and Dale A. Quattrochi of the Science Directorate.

*See **Honor Awards** on page 5*



Robert L. Sackheim



Dennis E. Smith

Exceptional Scientific Achievement Medal



Steven J. Goodman



Dale A. Quattrochi

Honor Awards

Continued from page 4

Marshall's Software of the Year Award, given to the authors of Chandra X-ray Observatory flight software, was presented to Robert Crumbley, Steven C. Purinton, Ron Ellison, Chris Johnson, Bob Oliver, Richard Ramirez, Anthony Roteliuk and Linda Yester.

Marshall's Invention of the Year Award acknowledges employees with patented inventions that have realized commercial potential or contributed significantly to specific NASA programs. Recipients were Jeffrey Ding and Peter A. Oelgoetz for an auto-adjustable pin tool for Friction Stir Welding on the Space Shuttle External Tank.

Marshall's Technology Transfer Award recognizes excellence in applying NASA technology to commercial uses. Recipients include Michael R. Effinger, John H. Howell, Jeffrey C. Luvall, Alok K. Majumdar, Peter V. Mazurkivich and Dale A. Quattrochi.

Marshall Center's Research and Technology Award recognizes notable achievements in current technology development. Recipients were Kevin Crawford, David L. Edwards, Sandra K. Elam, Perry Gray, David A. Gwaltney, Donna M. Hardage, Andre E. Miller, Erin H. Richardson, Fred D. Roe, Jr., Carolyn K. Russell, Todd A. Schneider, Robert E. Vaughn, Ten-See Wang, and the Measure-

ment/Control Systems Integration Team.

Sixteen Marshall employees received the Marshall Patent Award recognizing NASA employees winning patents in 2000. Honorees include David E. Howard, Frank J. Nola, Justino Montenegro, Richard T. Howard, Michael L. Book, Thomas C. Bryan, Dean C. Alhorn, Dennis Smith, Charles S. Cornelius, Neill Myers, Michael Shadoan, David L. Sparks, Melvin A. Bryant III, Michael J. Kavaya, Thomas K. DeLay, Michael R. Effinger.

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NASA Exceptional Service Medal



Pravin K. Aggarwal
Engineering Directorate



Douglas L. Blackwell
Space Shuttle Projects Office



Robert E. Butler, Jr.
Center Operations Directorate



Sandra K. Elam, Space
Transportation Directorate



Thomas F. Fleming
Science Directorate



Clarence R. Gearhart, Office
of Chief Financial Officer



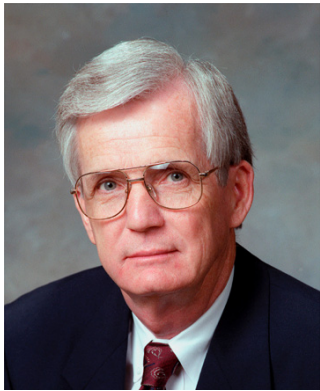
Leon J. Hastings, Space
Transportation Directorate



Kathy O. Kappus
Engineering Directorate

See Honor Awards on page 6

NASA Exceptional Service Medal



Clifton A. Kirby
Engineering Directorate



Elizabeth K. Lawson
Space Shuttle Projects Office



Carolyn E. McMillan, Customer
and Employee Relations Dir.



Jonathan Q. Pettus
Center Operations Directorate



Stephen D. Rose
Engineering Directorate



Jerry L. Seemann
Chief Counsel Office



John H. Vickers
Engineering Directorate



Justina J. Walker, Office of
Chief Financial Officer

Job Opportunities

CPP-01-039-CP, Accountant, GS-0510-12, Office of Chief Financial Officer, Accounting Operations Office. Closes July 9.

CPP-01-048-DS, Supervisory, AST, Technical Management, GS-801-14, Center Operations Directorate, Logistics Services Department, Transportations and Logistics Engineering Group. Closes July 3.

CPP-01-052-DS, Management Analyst, GS-343-07, Customer and Employee Relations Directorate, Plans and Systems Analysis Office. Closes July 9.

CPP-01-053-DS, Communications Specialist, GS-301-13, Customer and Employee Relations Directorate, Internal Relations and Communications Department. Closes July 9.



Lisa A. Watson
Flight Projects Directorate



Ray B. Woods
Procurement Office

Larry D. Turner
Engineering Directorate,
not pictured

See *Honor Awards* on page 7

NASA Exceptional Achievement Medal



Rosalie W. Allen, Space Transportation Directorate



David M. Anderson, Space Transportation Directorate



John W. Brunson
Systems Management Office



Barbara J. Cobb
Flight Projects Directorate



Michael R. Effinger
Engineering Directorate



Rodney P. Grubbs
Center Operations Directorate



Charles L. Johnson, Space Transportation Directorate



Robert O. McBrayer
Systems Management Office

NASA Public Service Medal

- Robert L. Dineen, Computer Sciences Corporation
- Jerry Geron, Teledyne Brown Engineering
- David A. Ramey, Strategic Leadership Associates, Inc.
- Debra Terrell, System Studies and Simulations, Inc.
- Brian L. Trach, Boeing Corporation

NASA Group Achievement Award

- Central Chilled Water Facility Support Team
- Cryogenic Optical Test Team
- Manual Pressure Equalization Valve Sampling Adapter Team
- Media Relations Department Team
- Marshall Spray-on Foam Insulation Research Cell Fire Investigation Team
- NASA Consolidated Payroll Office Team
- NASA Radiation and Electronics Testbed Development Team
- Oxygen Generation Assembly Power Design Team
- Second Generation RLV Program Planning Team
- X-33 Vehicle Loads and Finite Element Modeling Team

NASA Public Service Group Achievement Award

- Alabama Mathematics, Science and Technology Education Coalition Team
- Environmental Control and Life Support Systems Mechanical System Design Team
- ISSI Unexploded Ordnance, Inc., Contractor Team
- Universities Space Research Association Technology Development Team

NASA Exceptional Achievement Medal



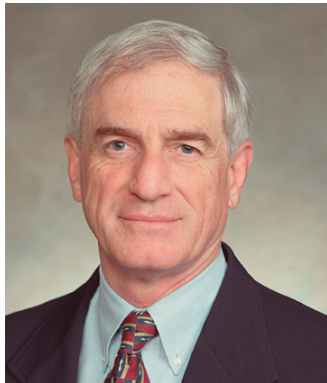
Daniel A. O'Neil



Pattie M. Sanderson



Dennis A. Smith



Nobie H. Stone

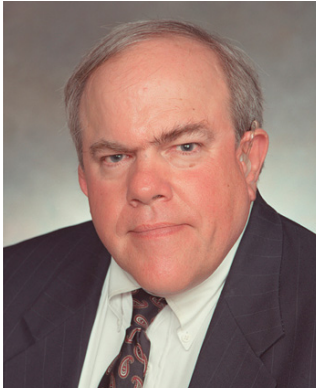


Hervie B. Williford

NASA Certificate of Appreciation

Dan H. Ahlander, Center Operations Directorate
 Barbara S. Breithaupt, Engineering Directorate
 Connie K. Carrington, Flight Projects Directorate
 Stephen A. Chubb, Flight Projects Directorate
 Dallas W. Clark II, Engineering Directorate
 Myscha R. Crouch, Science Directorate
 Miria M. Finckenor, Engineering Directorate
 Darrell E. Gaddy, Engineering Directorate
 Roberto Garcia, Space Transportation Directorate
 Kathryn C. Hayden, Engineering Directorate
 Michael W. Haynes, Center Operations Directorate
 Johnny L. Heflin, Space Transportation Directorate
 Thad W. Henry, Engineering Directorate
 Jon B. Holladay, Flight Projects Directorate
 Nancy J. Holland, Space Transportation Directorate
 Wendy W. Hulgán, Engineering Directorate
 David A. Kelley, Engineering Directorate
 George M. Kozub, Systems Management Office
 Craig E. Kundrot, Science Directorate
 Edward J. Lippincott, Flight Projects Directorate
 Deborah F. Longeddy, Science Directorate
 Rae W. Meyer, Space Transportation Directorate
 Martha E. Milton, Engineering Directorate
 Jody L. Minor, Engineering Directorate
 Mahmoud R. Naderi, Systems Management Office
 Katherine H. Nabors, Office of Chief Financial Officer
 William H. Nabors, Systems Management Office
 Andrew J. Nichols, Space Transportation Directorate
 Charles W. Pierce, Space Transportation Directorate
 Maurice J. Prendergast, Engineering Directorate
 Marc L. Pusey, Science Directorate
 Frank A. Prince, Systems Management Office
 Jose M. Roman, Engineering Directorate
 Eric J. Shaw, Systems Management Office
 Kathy A. Shockley, Office of Chief Financial Officer
 David A. Shular, Engineering Directorate
 Donna L. Smith, Office of Chief Financial Officer
 Carey G. Thompson, Space Transportation Directorate
 Grady E. Threet Jr., Space Transportation Directorate
 Michael E. Vanhook, Systems Management Office
 Douglas G. Westra, Engineering Directorate

See *Honor Awards* on page 9



David K. Bates
Chief Financial Officer

NASA Equal Employment Opportunity Medal

Marshall Director's Commendation Certificate

Bernard J. Anderson, Engineering Directorate
 Bruce R. Askins, Engineering Directorate
 Majid K. Babai, Engineering Directorate
 Tim W. Baldridge, Center Operations Directorate
 Kevin H. Burks, Science Directorate
 Robert J. Cannon, Science Directorate
 Rickey D. Cissom, Flight Projects Directorate
 Dennon J. Clardy, Flight Projects Directorate
 Harry B. Craig, Procurement Office
 Yolanda Y. Dial, Getronics Government Solutions
 Portia B. Dischinger, Center Operations Directorate
 Patricia M. Doty, Science Directorate
 Steven W. Evans, Engineering Directorate
 Douglas J. Fooshee, Flight Projects Directorate
 Michael J. Galuska, Safety and Mission Assurance Office
 Paul A. Gilbert, Flight Projects Directorate
 Lisa L. Greatouse, Procurement Office
 Richard N. Grugel, Science Directorate
 Judith E. Guin, Safety and Mission Assurance Office
 Efreem J. Hanson, Procurement Office
 Kimberly A. Holt, Space Transportation Directorate
 David E. Howard, Engineering Directorate
 Gary A. Hudson, Flight Projects Directorate
 William J. Kauffman Jr., Engineering Directorate
 Felix O. Lopez, Engineering Directorate
 Van Luong, Engineering Directorate
 Antonia R. Martin-Lalor, Office of Chief Financial Officer
 Donald S. McCluney, Engineering Directorate
 Edward D. Medal, Customer and Employee Relations Directorate
 Lonla R. Moore, Office of Chief Counsel
 Linda W. Mullins, Space Transportation Directorate
 Jerald D. Oakley, Engineering Directorate
 Kevin W. Pedersen, Space Transportation Directorate

Tony Phillips, Bishop Web Works
 Ann W. Pigg, Systems Management Office
 James R. Powers, Engineering Directorate
 Audrey D. Robinson, Office of Chief Counsel
 George R. Schmidt, Space Transportation Directorate
 Jeffrey D. Sexton, Space Transportation Directorate
 Rhonda S. Simms, Office of Chief Financial Officer
 William S. Spearman, Science Directorate
 Vicki E. Wampler, Procurement Office
 Kenneth J. Welzyn, Space Transportation Directorate
 Thomas J. Williams, Procurement Office
 Michael D. Wright, Customer and Employee Relations Directorate

Marshall Certificate of Appreciation

Daniel E. Adams, Center Operations Directorate
 John D. Allen, Engineering Directorate
 Doralee V. Barr, Office of Chief Financial Officer
 Dairrel S. Benefield, Engineering Directorate
 Susan B. Best, Flight Projects Directorate
 Henry L. Brewster, Space Transportation Directorate
 Gerald L. Campbell, Engineering Directorate
 Shirley S. Chandler, Space Transportation Directorate
 Johnnie J. Clark, Engineering Directorate
 Gloria J. Coffey, Procurement Office
 Timothy P. Crabb, Procurement Office
 Robert K. Currie, Engineering Directorate
 Carol E. Dexter, Science Directorate
 Sam V. Digesu, Flight Projects Directorate

See *Honor Awards* on page 10

Honor Awards

Continued from page 9

William P. Douglas, Getronics Government Solutions
Timothy Elkins, Computer Sciences Corporation
Samuel B. Fowler, Engineering Directorate
Gregory B. Franks, Engineering Directorate
Joseph P. Hale II, Engineering Directorate
Tim Hopper, Sverdrup Technology, Inc.
Lawrence D. Kos, Space Transportation Directorate
Catherine C. Lapenta, Flight Projects Directorate
Cynthia D. Legowik, Pace and Waite, Inc.
David A. Long, Flight Projects Directorate
Kathleen G. Lundy, Engineering Directorate
Rita J. Mason, Procurement Office
Donnie R. McCaghren, Science Directorate
Betty B. McCown, Procurement Office
Paloma D. Mefford, Center Operations Directorate
Ricky D. Middleton, Engineering Directorate
Daniel W. Mitchell, Space Transportation Directorate
Kimberly G. Muery, Flight Projects Directorate
Lucinda M. Murphy, Science Directorate
Karl W. Nelson, Space Transportation Directorate
Keith J. Parrish, Flight Projects Directorate
Elizabeth H. Pugh, Center Operations Directorate
Harry Rutledge, AI Signal Research, Inc.
Jerry A. Shelby, Science Directorate
Richard T. Stroud, Space Transportation Directorate
Louise L. Strutzenberg, Science Directorate
Terri Tait, Computer Sciences Corporation
Pamela W. Takada, Systems Management Office
John Tucker, AI Signal Research, Inc.
Holly J. Walker, Space Transportation Directorate
Van A. Woodruff, Flight Projects Directorate

Marshall Group Achievement Award

Air Operations Group
Booster Separation Motor Team
Chandra X-ray Group
Enhanced Gaseous Nitrogen Dewar Team
External Tank Weighing at Michoud Assembly Facility Team
Fabrication Team
Gravity Probe-B Thermal Repair Team
Great Moonbuggy Race Team
IFMP Core Financial Procurement Team
Increment 2 Payload Operations Cadre Team
Information and Resource Support System Team
International Space Station Microgravity Working Group
Marshall Institute Implementation Team
MSFC Personal Services Office Team
MSFC Property Disposal Team
Nozzle Test Facility Development Team
NSSTC Implementation Team
NSSTC Information Technology Implementation Team
Repair Sinkhole, Building 4663 Design and Construction Group
Satellite Contamination and Materials Outgassing Effects
Database Development Team
Space Environments Team
Space Shuttle Main Engine 0523 Investigation Team
Space Shuttle Main Engine Block II 2E Vibration Analysis
Investigation Team
Telescience Resource Kit Team
Urban Heat Island Study Group
Vapor Compression Distillation Flight Experiment Development
Team



Marshall retiree inducted into engineers, scientists academy

Marshall retiree Otha H. "Skeet" Vaughan, pictured on right, recently was inducted into Clemson University's prestigious Thomas Green Clemson Academy of Engineers and Scientists.

Vaughan is a NASA pioneer who, for nearly four decades, applied his considerable talents to solving missile and space engineering problems in the Apollo, Lunar Exploration, Skylab and Space Shuttle programs. He has received

numerous NASA Group Achievement and Special Service awards. He's also a leading expert in atmospheric electricity and has been nationally recognized for his scientific achievements in space lightning research.

The academy recognizes alumni who have made major contributions to their professions and have brought significant distinction to Clemson.

Also pictured is Thomas Keinath, dean of the College of Engineering and Science, Clemson, University, S.C.

Center Announcements

Marshall picnic

The Marshall Center's annual picnic — Family Fun Day — will be held from 10 a.m.-3 p.m. Aug. 25 at the Marshall picnic area.

Clubs and Meetings

Instrumentation Division meets

Members and friends of the Measuring Branch, Telemetry Branch and Radio Frequency Branch are invited to meet the first Tuesday of each month at 11 a.m. at the Redstone Golf Club Coffee Shop. For more information, call Tom Escue at (256) 232-1549.

Miscellaneous

SCUBA certification class

The MARS SCUBA club will hold a two-weekend Open Water SCUBA Diving certification class starting July 28. Civil servants and on site contractors are invited. An information barbecue will be held at the Marshall picnic area from 4:30-8 p.m. July 13 for all club members, persons interested in the class, and persons interested in the club. Free food and beverages will be served. At the picnic we will discuss the upcoming class as well as the club's functions, resources, annual trips, social events and our history as part of the Center. For more information, call Kurt B. Smalley at 544-6017.

Patriotic concert

The Madison Community Band presents its 2nd Annual "Patriotic Concert on the Mountain" on Saturday, June 30 in the Monte Sano State Park Amphitheater at 12:00pm. The concert features music with a patriotic flare. The concert is free. The Madison Community Band will perform well-known marches and American favorites. Performing with the band will be the Capshaw Baptist Church Celebration Choir and Orchestra. The Madison Community Band is a non-profit, all-volunteer organization uniting individuals of different ages and backgrounds for a common passion: musical performance! More information on the band can be found at their Website, <http://dc-vc.net/mcb/>.

Obituary

Leonard, Edward L., 79, of Trinity, Ala., died June 5. He retired from Marshall in 1984 where he worked as an AST, flight mechanic. He is survived by his wife, Cornett Leonard.

Safety Bowl 2001

The 2001 Marshall Safety Bowl is fast approaching. This week's questions will test your knowledge of safety. Look for additional questions on "Inside Marshall."

1. According to the national Highway Traffic Safety Administration, the most fatal time to be on the road is between
 - a. Noon to 2:00 p.m.
 - b. 2 a.m. to 6 a.m.
 - c. 8 a.m. to 10 a.m.
2. Which factors should be used to determine whether you should get help lifting a load?
3. The American Academy of Pediatrics recommends that no one younger than what age be allowed to operate jet skis or personal watercraft.
 - a. 13
 - b. 16
 - c. 18
4. The symptoms of Carpal Tunnel Syndrome include decreased strength and painful tingling in what parts of the body?
5. Zinc is a mineral that, though found only in traces in the body, is important for which of the following:
 - a. A healthy immune system
 - b. For healing cuts and wounds
 - c. For maintaining the senses of taste and smell
 - d. All of the above
6. If a person ingests an unknown poison, what should you do?
 - a. Call Poison Control Hotline.
 - b. Give them warm milk.
 - c. Give them syrup of Ipecac.
 - d. Elevate their feet.
7. Studies show that people who consume five to six servings a day of vegetables lowered their risk of stroke by what percent than those who ate less than three servings a day.
 - a. 50 percent
 - b. 30 percent
 - c. 20 percent
8. What is the fourth most common disability in the United States and the leading handicapping condition of childhood?
 - a. Vision disorders
 - b. Muscular disorders
 - c. Hearing disorders
9. "Class A" combustible materials are:
 - a. Combustible metals
 - b. Electrical circuits
 - c. Wood, cloth, paper, rubber, and plastic
 - d. Flammable liquids, gases and greases
10. Name three ways you can submit an item into the Safety Concerns Reporting System (SCRS).

See Answers on page 12

Employee Ads

Miscellaneous

- ★ Bunn coffeemaker, \$75; Sears mulcher shredder, 8HP, \$400. 837-6776
- ★ Boxer dog, 9 months old, brindle male needs fenced yard, \$250. 420-8101
- ★ Proform treadmill 625PT, 18" belt, used twice, \$475. 837-3844
- ★ Lounge chair, \$9.50; 8-track tapes, \$.50 each; 8-track radio amplifier, \$14.95; hardwood boards. 881-8648
- ★ Abuglass boat, 17', 115HP Johnson outboard, 18 gallon internal gas-tank, drive on trailer, \$1,500. 852-6801
- ★ Sunbeam two-burner gas grill w/o propane bottle, \$65; round, 6' diameter picnic table, \$50. 881-6040
- ★ GE spacemaker double oven and range, electric, \$150. 881-4601
- ★ Hotpoint washer and dryer, \$160; Men's size 9 K2 Reflex inline skates, new, \$75. 533-5942
- ★ Harley Davidson golf cart w/removable top, battery powered w/charger, 3-wheel, \$700 obo. 937-6752
- ★ Delta single handle kitchen faucet with sprayer and soap dispenser, new Model 400 OWF, \$49. 883-8257
- ★ Bush hog, 5' cut, \$190; John Grisham and Stephen King HBs, multiple titles. 325 6000
- ★ Temporary electric pole for construction purposes. 259-1834
- ★ King headboard and frames, \$125; queen headboard, \$100; two white storm windows, 32"x 55" opening, \$50 ea. 539-7139
- ★ Graco Deluxe infant stroller, \$40; play pen, \$30; NOJO designer crib bedding set, \$30. 650-6286
- ★ Eight limestone window sills, \$75 each. 882-1097
- ★ Nordic Track skier, black, \$175. 498-0219
- ★ Infant and toddler items for sale; car seats, play pen, swing, toys, etc. 721-9749
- ★ Bedliner for 96-98 Chev. 1500/reg. bed, installed, \$50. 864-0465
- ★ 1976 Alacraft 15' runabout, 50HP Mercury

motor, boat house kept, with trailer, \$1500 obo. 256-582-5210

- ★ Carburetor, Edelbrock Performer Model 1405 and air cleaner, purchased Sept. 2000, \$170. 883-8624
- ★ New Dell I8000 laptop, 900 Mhz PIII, 266 Meg Ram, 20 Gig HD, CDRW, DVD, \$2,500. 881-6604 after 5 p.m.
- ★ Sanyo TV, 31", \$200; Berkley bicycle trailer, holds 2 toddlers, \$100; drafting table, \$50. 880-9487

Vehicles

- ★ 1992 Ford Aerostar, 3.0L, cruise, tilt wheel, \$2,500. 855-1344
- ★ 1991 Toyota Corolla 4-door/DX auto, air, am/fm/cassette, 97K miles, \$3,400. 539-9491
- ★ 1991 Toyota Corolla, 4-door, DX, auto, air, am/fm/cass, 97K miles, \$3,400. 539-9491
- ★ 1997 Honda Civic LX, 4-door, auto, silver, PW/PDL, cruise, CD player, 53K miles, \$9,900. 355-2052
- ★ 1994 Chevy Blazer Tahoe, 4x4, auto, a/c, am/fm stereo, white, new Michelins TLs, 110K miles, \$6,000 firm. 881-7967
- ★ 2000 Mustang, V-6, 5-speed, white, am/fm/cd, has 460 sound system, 25K miles, \$13,500. 881-2165
- ★ 1988 Jeep Cherokee, automatic, new tires, brakes, and stereo, 125K miles, \$3,100. 880-7204/797-7204
- ★ 1992 Dodge Grand Caravan LE, 99K miles, original owner, 5,500. 882-2480
- ★ 1989 Nissan Stanza GXE, needs transmission. \$500. (256) 614-0044
- ★ 1984 Ford Thunderbird, 5-speed turbo, A/C, PS, PB, CD player, 150K miles. \$700 obo. 883-5396

Wanted

- ★ Party to cut and buy nice, clean pasture grass for hay, 15 acres near Ardmore. (931) 427-8205
- ★ One 4- or 5- drawer dresser in a light wood in good condition. 682-5181

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Answers

Continued from page 11

1. 2 a.m. to 6 a.m.
2. The weight, shape, and position of the load
3. 16 years old
4. Hand, fingers, thumb, wrist
5. All of the above
6. Call Poison Control Hotline
7. 30 percent
8. Vision disorders
9. Wood, cloth, paper, rubber and plastic
10. Safety Hotline; Web site; mail-in form

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